

# INFORMATION DISCLOSURE CITATION

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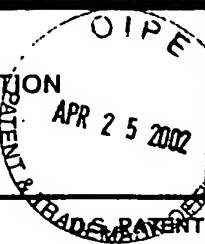
ATTY DOCKET NO.  
08CN8803-26

SERIAL NO.  
10/063,004

Thomas P. Feist, et al.

FILING  
03/11/02

GROUP



## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
7/11/02	6,183,829	02/2001	DAECHER et al.	428	64.1	
4	6,191,053	2/20/01	CHUN et al.	438	780	6/10/98
7	6,194,045	2/27/01	ANNAcone et al.	428	64.1	11/22/95
7	6,200,633	3/13/01	KITANO et al.	427	240	8/9/99
7	6,225,240	5/1/01	YOU et al.	438	782	11/12/98
7	6,232,247	5/15/01	GORDON et al.	438	780	10/4/99
7	6,248,395	6/19/01	HOMOLA et al.	427	129	5/24/99
7	RE 36,806	08/2000	LANDIN et al.	428	64.1	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

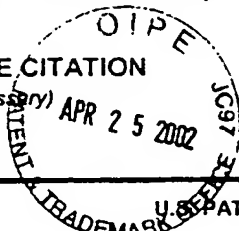

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
10/13	5,772,905	6/30/98	CHOU	216	44	11/15/95
11	5,781,526	7/14/98	NISHIZAWA	369	275.3	2/14/97
4	5,838,654	11/17/98	KAGAWA et al.	369	275.1	5/5/97
4	5,967,030	10/19/99	BLALOCK	100	211	12/6/96
1	5,972,461	10/26/99	SANDSTROM	428	64.3	1/6/98
4	6,010,761	1/4/00	TATEWAKI et al.	428	64.1	8/27/98
4	6,062,133	5/16/00	BLALOCK	100	211	4/7/99
4	6,127,017	10/3/00	HIRATA et al.	428	64.1	4/30/98
4	6,136,401	10/24/00	YAMAMOTO et al.	428	64.1	01/20/00
4	6,156,422	12/5/00	WU et al.	428	332	11/10/98
4	6,165,391	12/26/00	VEDAMUTTU	264	1.33	1/23/97

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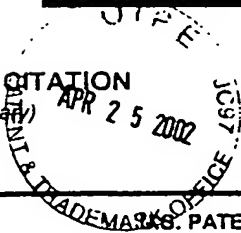
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1/2/85	4,673,602	6/16/87	NAKAYAMA et al.	428	65	6/5/85
1/	4,731,155	3/15/88	NAPOLI et al.	156	643	4/15/87
4	4,810,527	3/7/89	GEARY, JR. et al.	427	54.1	9/18/87
4	4,831,244	5/16/89	SLAFER et al.	235	487	10/1/87
4	4,975,327	12/4/90	SOMASIRI et al.	428	409	7/11/89
4	4,987,020	01/1991	BONNEBAT et al.	428	64	
4	5,078,947	1/7/92	NISHIZAWA et al.	264	1.1	9/28/89
4	5,094,796	3/10/92	KATOH et al.	264	313	3/10/92
4	5,094,884	3/10/92	HILLMAN et al.	427	240	4/24/90
4	5,119,259	6/2/92	KIKUCHI	360	135	12/5/90
4	5,188,863	2/23/93	de GRAAF et al.	427	512	12/18/90

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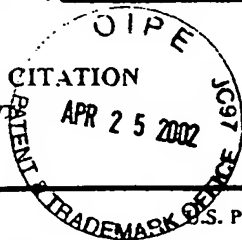
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# INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

08CN8803-26

Application Number

10/063,004

Applicant(s)

Thomas P. Feist, et al.

Filing Date

03/11/02

Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
<i>nm</i>		4,492,718	01/08/85	MAYER, ET AL.			
<i>n</i>		4,584,259	04/22/86	MAYER, ET AL.			

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REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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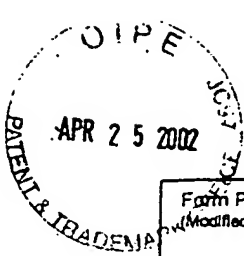
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Information Disclosure Statement by Applicant  (Use several sheets if necessary)				APPLICANT Thomas P. Feist, et al.	
(37 cfr 1.98(b))				FILED DATE 03/11/02	GROUP
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS
1/11/07	4,965,780	10/23/90	Lee, et al. (Abstract)		
1/12	4,923,942	5/8/90	Takeyama, et al.		
1/1	4,911,966	3/27/90	Murayama, et al.		
1/1	4,908,826	3/13/90	Hertrich (Abstract)		
1/1	4,902,746	2/20/90	Serini, et al.		
1/1	4,893,910	1/16/90	Birecki		
1/1	4,885,649	12/5/89	Das (Abstract)		
1/1	4,845,142	7/4/89	Niwano, et al.		
1/1	4,841,501	6/20/89	Izuka, et al.		
1/1	4,809,110	2/28/89	Hertrich (Abstract)		
1/1	4,741,689	5/3/88	Onizawa, et al.		
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION					
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
1/11/07		DATA Storage on December 02, 1999, Article Date: May, 1999, "Patterned media: Giant step in magnetic storage" (7 pages)			
		DATA Storage on December 02, 1999, Article Date: January, 1999, "Magnetic Recording: the next 100 years" (10 pages)			
1/11/07		"Architecture of TeraStor's Near Field Recording Technology, <a href="http://209.24.93.3/tech_info">http://209.24.93.3/tech_info</a> , (8 pages)			
		"Facts About Near Field Recording", <a href="http://www.basis-gmbh.de">http://www.basis-gmbh.de</a> , (2 pages)			
1/11/07		"US HDD Makers Turn to 10-Gbit/Inch <sup>2</sup> Near Field Record", <a href="http://www.nikkeibp.com">http://www.nikkeibp.com</a> , (8 pages)			
		"Facts About Near Field Recording", <a href="http://209.24.93.3/tech_info">http://209.24.93.3/tech_info</a> , (3 pages)			
EXAMINER	1/11/07			DATE CONSIDERED	5/12/08
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Information Disclosure Statement by Applicant  (Use several sheets if necessary)  (37 CFR 1.98(b))				08CN8803-26	10/063,004	
				APPLICANT Thomas P. Feist, et al.		
				FILING DATE 03/11/02	GROUP	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>MP</i>	5,855,746	1/5/99	Prabhakara, et al.			
	5,814,400	9/29/98	Kirino, et al.			
	5,789,756	8/4/98	Guzik			
	5,729,393	3/17/98	Lee, et al.			
	5,689,480	11/18/97	Kino			
	5,666,237	9/9/97	Lewis (Abstract)			
	5,590,115	12/31/96	Kubo			
	5,585,159	12/17/96	Miyake, et al.			
	5,583,705	12/10/96	Ziperovich, et al. (Abstract)			
	5,537,034	7/16/96	Lewis (Abstract)			
	5,533,001	7/2/96	Watanabe, et al.			
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
<i>MP</i>	6-187683		Japan			
	6-4916		Japan			
	6-12715		Japan			
	6-4908		Japan			
	6-20316		Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.**)						
<i>MP</i>		"Thermoplastic Composites Reinforced With Melt Processable Glass", R.T. Young and D.G. Baird (5 pages)				
		Philips Research - Digital Video Recorder, <a href="http://www.research.philips.com/pressmedia/highlights">http://www.research.philips.com/pressmedia/highlights</a> (2 pages)				
		Maxell Device: DVD-RAM, <a href="http://www.maxell.co.jp/eng/device/dvd-ram/profile.html">http://www.maxell.co.jp/eng/device/dvd-ram/profile.html</a> (2 pages)				
		AV & Development Center, <a href="http://www.pioneer.co.jp/crdl/av.html">http://www.pioneer.co.jp/crdl/av.html</a> (1 page)				
		Near Field Recording - NFR, <a href="http://www.nswc.navy.mil/cosip/nov98">http://www.nswc.navy.mil/cosip/nov98</a> (5 pages)				
		Technical Info, <a href="http://209.24.93.3/tech_info/backgrounder.html">http://209.24.93.3/tech_info/backgrounder.html</a> (3 pages)				
EXAMINER <i>Th P Feist</i>			DATE CONSIDERED <i>5/10/03</i>			
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Information Disclosure Statement by Applicant  (Use several sheets if necessary)  (37 cfr 1.98(b))				APPLICANT Thomas P. Feist, et al.			
				FILING DATE 03/11/02		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
7/11/03	5,515,346	5/7/96	Watanabe, et al.				
11	5,493,454	2/20/96	Ziperovich, et al. (Abstract)				
7	5,490,131	2/6/96	Ohta, et al.				
7	5,489,774	2/6/96	Akamine, et al. (Abstract)				
11	5,470,627	11/28/95	Lee, et al.				
11	5,453,168	10/26/95	Nelson, et al.				
7	5,392,263	2/21/95	Watanabe, et al.				
7	5,379,439	1/3/95	Harrison, et al.				
7	5,354,985	10/11/94	Quate (Abstract)				
41	5,354,517	10/11/94	Yamasaki, et al.				
4	5,311,376	5/10/94	Joan, et al.				
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	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
146	WO 8706385	10/22/87	World Organization (Abstract)				
11	06309714JP A	11/04/94	Japan (Abstract)				
11	06162583JP A	6/10/94	Japan (Abstract)				
11	06158281JP A	6/07/94	Japan (Abstract)				
11	06150419JP A	5/31/94	Japan (Abstract)				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
146	Strategic Partners Home, <a href="http://209.24.93.3/partners/index.html">http://209.24.93.3/partners/index.html</a> (1 page)						
	TeraStor, <a href="http://www.terastor.com/news/">http://www.terastor.com/news/</a> , (6 pages)						
4	The era of giant magnetoresistive heads, <a href="http://www.storage.ibm.com/hardsof/diskdrdl/technolo/gmr/">http://www.storage.ibm.com/hardsof/diskdrdl/technolo/gmr/</a> (16 pages)						
	Chp 3: Emerging Optical Storage Technologies, <a href="http://itri.loyola.edu/opto/c3_ss.htm">http://itri.loyola.edu/opto/c3_ss.htm</a> (4 pgs.)						
4	Chp 3: Optical Storage in the Future, <a href="http://itri.loyola.edu/">http://itri.loyola.edu/</a> (2 pages)						
	Chp 3: Overview of Optical Storage Systems, <a href="http://itri.loyola.edu/">http://itri.loyola.edu/</a> (4 pages)						
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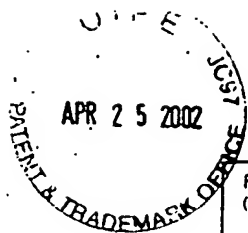
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				FILING DATE 03/11/02		GROUP
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JMB	5,309,303	5/3/94	Hsia, et al.			
"	5,296,528	3/22/94	Lütjens, et al.			
"	5,242,761	9/7/93	Uchiyama (Abstract)			
"	5,230,025	7/20/93	Fishbine, et al.			
"	5,202,880	4/13/93	Lee, et al.			
"	5,199,090	3/30/93	Bell			
"	5,193,039	3/9/93	Smith, et al. (Abstract)			
"	5,191,563	3/2/93	Lee, et al. (Abstract)			
"	5,178,926	1/12/93	Tanaka, et al.			
"	5,177,656	1/5/93	Hughes			
"	5,171,585	12/15/92	Onisawa, et al.			
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
	DOCUMENT NUMBER	PUBLICATION DATE*	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
JMB	06119668JP A	4/28/94	Japan (Abstract)			
"	06004908JP A	1/14/94	Japan (Abstract)			
"	06004916JP A	1/14/94	Japan (Abstract)			
"	06187683JP A	7/08/94	Japan (Abstract)			
"	06020316JP A	1/28/94	Japan (Abstract)			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
JMB		Chp 3: Comparison of Japanese and U.S. R&D, <a href="http://itri.loyola.edu/">http://itri.loyola.edu/</a> (1 page)				
"		"Learning and Process Improvement during Production Ramp-Up", Christian Terwiesch and Roger E. Bohn, The Wharton School, University of California San Diego, August 6, 1998 (33 pages)				
"		"Magnetic Storage Research Aiming at High Areal Densities", R&D Magazine, Dec. 1998 (6 pages)				
"		The WTEC High Density Data Storage Study, <a href="http://itri.loyola.edu/">http://itri.loyola.edu/</a> (2 pages)				
"		"Characterization of Magnetizing Process for Pre-Embossed Servo Pattern of Plastic Hard Disks", Shoji Tanaka et al., IEEE Transactions on Magnetics, Vol.30, No. 6, Nov. 1994 (3 pages)				
"		Dispersed Concentration, David McKendrick, Report 98-03, November, 1998, <a href="http://www-irps.ucsd.edu/~sloan/papers">http://www-irps.ucsd.edu/~sloan/papers</a> (16 pages)				
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				FILING DATE 03/11/02		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1/11/01	5,094,925	3/10/92	Ise, et al.			
"	5,093,174	3/3/92	Suzuki, et al.			
"	5,087,340	2/11/92	Onagi, et al.			
"	5,063,096	11/5/91	Kohara, et al.			
"	5,059,473	10/22/91	Takahashi, et al.			
"	5,018,128	5/21/91	Goldberg			
"	5,014,259	5/7/91	Goldberg, et al.			
"	5,002,706	3/26/91	Yamashita			
"	4,999,234	3/12/91	Cowan			
"	4,986,938	1/22/91	Izuka, et al.			
"	4,983,335	1/8/91	Matsuo, et al.			
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.**)						
1/11/01		"Patterned Media: A Viable Route to 50 Gbit/in <sup>2</sup> and up for Magnetic Recording?", Robert J. White et al., IEEE Transactions on Magnetics, vol. 33, no. 1, Jan. 1997, p.990-995				
		DATA Storage on December 02, 1999, Article Date: September, 1998, "Patterned media: 200 Gb/in <sup>2</sup> or bust" (10 pages)				
1/11/01		DATA Storage on December 06, 1999, Article Date: September, 1997, "Patterned media promise superhigh storage densities" (10 pages)				
		"Recording Characteristics of Submicron Discrete Magnetic Tracks", S.E. Lambert et al., 1987 IEEE, pages 3690-3692				
1/11/01		"Direct nanoimprint of submicron organic light-emitting structures", Jian Wang et al, 1999 Appl. Phys. Lett., Vol. 75, No. 18, 1 November 1999, pages 2767-2769				
		"Lithographically induced self-construction of polymer microstructures for resistless patterning", Stephen Y. Chou et al., Appl. Phys. Lett., Vol. 75, No. 7, August 1999, p 1004-1005				
EXAMINER 1/11/01			DATE CONSIDERED 5/12/03			
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Form PTO-1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 08CN8803-26	SERIAL NO. 10/063,004	
Information Disclosure Statement by Applicant  (Use several sheets if necessary)  (37 cfr 1.98(b))				APPLICANT Thomas P. Feist, et al.		
				FILED DATE 03/11/02	GROUP	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
<i>W</i>	5,161,134	11/3/92	Lee (Abstract)			
<i>1</i>	5,159,511	10/27/92	Das (Abstract)			
<i>1</i>	5,143,797	10/1/92	Hashima, et al.			
<i>1</i>	5,137,991	8/11/92	Epstein, et al.			
<i>1</i>	5,118,771	6/2/92	Inoue, et al.			
<i>1</i>	5,112,701	5/12/92	Katsuragawa			
<i>1</i>	5,112,662	5/12/92	Ng (Abstract)			
<i>1</i>	5,109,377	4/28/92	Yamamoto, et al.			
<i>1</i>	5,106,553	4/21/92	Onisawa, et al.			
<i>1</i>	5,100,741	3/31/92	Shimoda, et al.			
<i>1</i>	5,097,370	3/17/92	Hsia			
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
<i>W</i>	06012715JP A	1/21/94	Japan (Abstract)			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>W</i>		Proposal to the Alfred P. Sloan Foundation from The Graduate School of International Relations and Pacific Studies and The Center For Magnetic Recording Research, Feb. 19, 1998, <a href="http://www-imps.ucse.edu/~sloan/papers/sloanprop98.html">http://www-imps.ucse.edu/~sloan/papers/sloanprop98.html</a> (27 pages)				
		"Use of high performance resins for the planarization of magnetic rigid disk substrates", IEEE Transactions on Magnetics (Nov. 1991), vol.27, no.6, pt.2, p.5175-7 (Abstract) (1 page)				
<i>1</i>		"Planarizing coating using PMR polyimides (magnetic recording discs), IBM Technical Disclosure Bulletin (Oct. 1982) vol.25, no.5, p.2453-4 (Abstract)				
		"Nanoimprint lithography", Stephen Y. Chou et al., 1996 American Vacuum Society p.4129-4133				
<i>1</i>		"Imprint of sub-25 nm vias and trenches in polymers", Stephen Y. Chou et al., 1995 American Institute of Physics, p.3114-3116				
		"Nano-compact disks with 400 Gbit/in <sup>2</sup> storage density fabricated using nanoimprint lithography and read with proximal probe", Peter R. Krauss et al, 1997 American Institute of Physics, p. 3174-3176				
EXAMINER <i>W</i>			DATE CONSIDERED 5/12/03			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

(Form PTO-1449 [8-4])

\* Use Publication date indicated on the patent or published application. 37 CFR 1.98(b).

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Information Disclosure Statement by Applicant  (Use several sheets if necessary)  (37 cfr 1.98(b))		APPLICANT Thomas P. Feist, et al.	
		FILING DATE 03/11/02	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>12/18</i>	4,726,998	2/23/88	Ikenaga, et al.			
"	4,719,171	1/12/88	Ikenaga, et al.			
"	4,658,392	4/14/87	Langowski, et al.			
"	4,656,546	4/7/87	Mallory (Abstract)			
"	4,622,284	11/11/86	West, et al. (Abstract)			
"	4,596,740	6/24/86	Tsukane			
"	4,596,739	6/24/86	Piltingsrud, et al.			
"	4,569,871	2/11/86	Ohmori, et al.			
"	4,503,420	3/5/85	Rub, et al. (Abstract)			
"	4,441,179	4/3/84	Slaten			
"	4,415,942	11/15/83	Frosch, et al.			

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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE*	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER <i>12/18</i>	DATE CONSIDERED <i>5/12/03</i>
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form PTO-1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 08CN8803-26		SERIAL NO. 10/063,004	
Information Disclosure Statement by Applicant  (Use several sheets if necessary)  (37 cfr 1.98(b))				APPLICANT Thomas P. Feist, et al.			
				FILING DATE 03/11/02		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>PLB</i>	4,515,828	5/07/85	Economy (Abstract)				
<i>LI</i>	5,723,033	3/03/98	Weiss				
<i>LI</i>	5,907,448	5/25/99	Waranabe, et al.				
<i>LI</i>	4,877,666	10/31/89	Muchnik, et al. (Abstract)				
<i>LI</i>	4,896,292	1/23/90	Eich, et al. (Abstract)				
<i>LI</i>	4,911,967	3/27/90	Lazzari (Abstract)				
<i>LI</i>	4,964,934	10/23/90	Gregg (Abstract)				
<i>LI</i>	4,975,358	12/04/90	Sommenschein, et al. (Abstract)				
<i>LI</i>	5,018,962	5/28/91	Kitamura, et al. (Abstract)				
<i>LI</i>	5,068,065	11/26/91	Maus, et al. (Abstract)				
<i>LI</i>	5,096,563	3/17/92	Yoshizawa, et al. (Abstract)				
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER <i>PLB</i>				DATE CONSIDERED <i>5/12/03</i>			
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# INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.

08CN8803-

SERIAL NO.

10/063,004

Feist et al.

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March 11, 2002

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1713

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1/6/8	4,742,420	5-3-88	Oishi	360	135	
1/	4,816,351	3-28-89	Takagi et al.	428	694	
1/	5,292,550	3-8-94	Fujii et al.	427	165	
1/	5,504,638	4-2-96	Kinoshita et al.	360	98.08	
1/	5,741,403	4-21-98	Tenhover et al.	204	192.2	
1/	5,987,004	11-16-99	Suwabe	369	290	
1/	6,027,801	2-22-00	Maro et al.	428	332	
1/	6,214,429 B1	4-10-01	Zou et al.	428	64.1	
1/	6,433,964 B1	8-13-02	Chang	360	133	
1/	2001/0022705 A1	9-20-01	Mori et al.	360	135	
1/						

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
1/6/8	JP2-96919	4-9-90	Japan				✓
1/	JP2-96921	4-9-90	Japan				✓
1/	JP61-131232	6-18-86	Japan				✓
1/	JP61-242327	10-28-86	Japan				✓
1/	JP61-92814	5-10-86	Japan				✓

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Derwent Abstract, JP02096919A, April 9, 1990.
	Derwent Abstract, JP02096921A, April 9, 1990.

EXAMINER

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08CN8803-

**10/063,004**

Feist et al.

**March 11, 2002**

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DATE \_\_\_\_\_

NAME \_\_\_\_\_

**CLASS**

SUBCLASS

FILING DATE  
IF APPROPRIATE

## DOCUMENT NUMBER

DATE \_\_\_\_\_

COUNTRY

**. CLASS**

SUBCLASS

### TRANSLATION

YES	NO
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JP62-124625

**6-5-87**

## Japan

**JP62-134836**

**6-17-87**

## Japan

**JP61-105725**

**5-23-86**

## Japan

**S63-205817**

**8-25-88**

## Japan

**Derwent Abstract, JP61092814A, May 10, 1986.**

**Derwent Abstract, JP61242327A. October 28, 1986.**

**EXAMINER**

DATE CONSIDERED

\*EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

08CN8803-

Application Number

10/063,004

Applicant(s)

Feist et al.

Filing Date

March 11, 2002

Group Art Unit

1713

\*EXAMINER  
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Derwent Abstract, JP62124625A, June 5, 1987.

JP361131232A. Abstract only. 2 pages.

JP362134836A. Abstract only. 2 pages.

JP361105725A. Abstract only. 2 pages.

Quantegy Professional Media, <http://www.pncengineering.com/modSpec>, 4pages.

Odian, George. Principles of Polymerization, Third Edition. John Wiley and Sons, 1991. Pages 150-162.

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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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ATTY DOCKET NO. 08CN8803	SERIAL NO. 10/063,004
FEIST, ET AL.	
FILING MARCH 11, 2002	GROUP 1023

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
11	5,902,172	05/11/99	Utashiro (Abstract)			
11	5,900,126	05/04/99	Nelson, et al. (Abstract)			
7	5,897,578	03/09/99	Chung, et al. (Abstract)			
6	5,874,376	02/23/99	Taguchi, et al. (Abstract)			
6	5,871,654	02/16/99	Mannami, et al. (Abstract)			
6	5,868,953	02/09/99	Maekawa, et al. (Abstract)			
6	5,866,489	02/02/99	Yamaguchi (Abstract)			
6	5,855,951	01/05/99	Nelson, et al. (Abstract)			
11	5,846,280	12/08/98	Speit (Abstract)			
11	5,831,309	11/03/98	Englisch, et al. (Abstract)			
11	5,811,182	09/22/98	Weir, et al. (Abstract)			

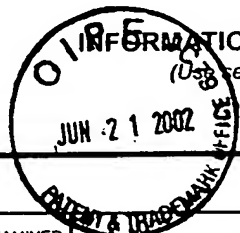
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
11	12	JP 09237437	09/09/1997	Japan			✓	
11	13	JP 63205817	25/08/1988	Japan				✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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ATTY DOCKET NO. 08CN8803  
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INFORMATION DISCLOSURE CITATION  
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
14	14	5,800,895	09/01/98	Vygovsky, et al. (Abstract)			
11	15	5,726,108	03/10/98	Taguchi, et al. (Abstract)			
4	16	5,707,705	01/13/98	Nelson, et al. (Abstract)			
4	17	5,691,256	11/25/97	Taguchi, et al. (Abstract)			
4	18	5,681,635	10/28/97	Nelson, et al. (Abstract)			
4	19	5,663,016	09/02/97	Hong (Abstract)			
4	20	5,635,269	06/03/97	Weir, et al. (Abstract)			
4	21	5,629,417	05/13/97	Campbell, et al. (Abstract)			
4	22	5,626,935	05/06/97	Goto, et al. (Abstract)			
4	23	5,626,920	05/06/97	Weir, et al. (Abstract)			
4	24	5,622,816	04/22/97	Maenza, et al. (Abstract)			

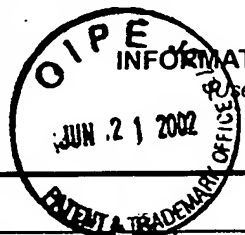
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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ATTY DOCKET NO.  
08CN8803SERIAL NO.  
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1/2/95	25	5,567,217	10/22/96	Goto, et al. (Abstract)			
1	26	5,561,089	10/01/96	Ishizaki, et al. (Abstract)			
11	27	5,536,549	07/16/96	Nelson, et al. (Abstract)			
11	28	5,516,899	05/14/96	Campbell, et al. (Abstract)			
4	29	5,510,164	04/23/96	Best, et al. (Abstract)			
4	30	5,469,312	11/21/95	Watanabe, et al. (Abstract)			
4	31	5,468,324	11/21/95	Hong (Abstract)			
4	32	5,453,961	09/26/95	Brazas (Abstract)			
4	33	5,441,788	08/15/95	Bloomquist, et al. (Abstract)			
4	34	5,437,887	08/01/95	Yarkosky, et al. (Abstract)			
4	35	5,400,317	03/21/95	Strasser, et al. (Abstract)			

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

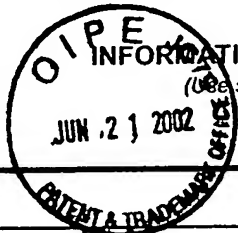

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	UPDATING DATE IF APPROPRIATE
1/11/97	36	5,391,522	02/21/95	Goto, et al. (Abstract)			
u	37	5,366,542	11/22/94	Yamada, et al. (Abstract)			
u	38	5,234,717	08/10/93	Matsuno, et al. (Abstract)			
u	39	5,226,955	07/13/93	Owaki, et al. (Abstract)			
u	40	5,209,837	05/11/93	Tsuya, et al. (Abstract)			
u	41	5,166,014	11/24/92	Ledieu (Abstract)			
u	42	5,137,617	08/11/92	Helfet, et al. (Abstract)			
u	43	5,131,977	07/21/92	Morizane, et al. (Abstract)			
u	44	5,128,922	07/07/92	Inui, et al. (Abstract)			
u	45	5,108,781	04/28/92	Ranjan, et al. (Abstract)			
u	46	5,091,225	02/25/92	Goto (Abstract)			

## FOREIGN PATENT DOCUMENTS

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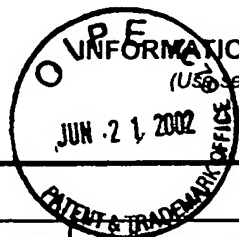

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ATTY DOCKET 08CN8803	SERIAL NO. 10/063,004
FEIST, ET AL.	
FILING MARCH 11, 2002	GROUP 1713

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>HM</i>	47	5,087,481	02/11/92	Chen, et al. (Abstract)			
<i>u</i>	48	5,084,355	01/28/92	Takahashi, et al. (Abstract)			
<i>7</i>	49	5,082,728	01/21/92	Miyake, et al. (Abstract)			
<i>7</i>	50	5,074,971	12/24/91	Tsuya, et al. (Abstract)			
<i>7</i>	51	5,047,274	09/10/91	Tsuya, et al. (Abstract)			
<i>u</i>	52	4,996,622	02/26/91	Takatsuki, et al. (Abstract)			
<i>u</i>	53	4,985,306	01/15/91	Morizane, et al. (Abstract)			
<i>7</i>	54	4,971,932	11/20/90	Alpha, et al. (Abstract)			
<i>7</i>	55	4,956,015	09/11/90	Okajima, et al. (Abstract)			
<i>7</i>	56	4,953,385	09/04/90	Aoki, et al. (Abstract)			
<i>7</i>	57	4,931,147	06/05/90	Legierse, et al. (Abstract)			

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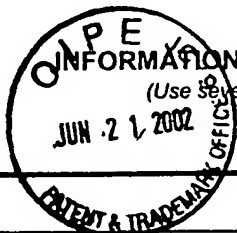
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							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER <i>HM</i> <i>Perz</i>	DATE CONSIDERED 5/12/03
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ATTY DOCKET NO.  
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10/063,004

FEIST, ET AL.

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MARCH 11, 2002GROUP  
1713

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
g	58	4,925,738	05/15/90	Tsuya, et al. (Abstract)			
"	59	4,920,441	04/24/90	Kimura, et al. (Abstract)			
"	60	4,876,117	10/24/89	Bornstein (Abstract)			
h	61	4,839,244	06/13/89	Tsakamoto (Abstract)			
h	62	4,835,909	06/06/89	Richter, et al. (Abstract)			
ll	63	4,825,680	05/02/89	Coe, et al. (Abstract)			
h	64	4,808,455	02/28/89	Wada, et al. (Abstract)			
h	65	4,775,608	10/04/88	Baum, et al. (Abstract)			
h	66	4,737,877	04/12/88	Krongelb, et al. (Abstract)			
cl	67	4,719,171	01/12/88	Ikenaga, et al. (Abstract)			
cl	68	4,709,361	11/24/87	Dahlstrom, et al. (Abstract)			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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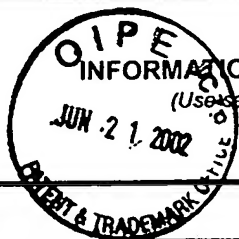
*Kim Bandy*

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10/063,004

FEIST, ET AL.

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MARCH 11, 2002

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1715

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1/11/87	69	4,708,919	11/24/87	Shimkunas, et al. (Abstract)			
"	70	4,705,566	11/10/87	Senda, et al. (Abstract)			
"	71	4,698,716	10/06/87	Lazzari (Abstract)			
11	72	4,690,846	09/01/87	Wada, et al. (Abstract)			
11	73	4,678,547	07/07/87	Miyamoto, et al. (Abstract)			
11	74	4,659,605	04/21/87	Malik, et al. (Abstract)			
11	75	4,619,804	10/28/86	Leonard, et al. (Abstract)			
11	76	4,590,493	05/20/86	Inoue, et al. (Abstract)			
11	77	4,554,655	11/19/85	Kumasaka, et al. (Abstract)			
11	78	4,552,820	11/12/85	Lin, et al. (Abstract)			
11	79	4,430,387	02/07/84	Nakagawa, et al. (Abstract)			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

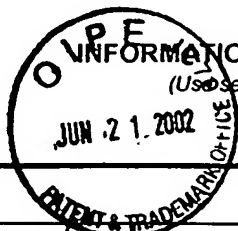

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	80	4,419,704	12/06/83	Radman, et al. (Abstract)			
	81	4,404,238	09/13/83	Baldwin (Abstract)			
	82	4,402,798	09/06/83	Gorog, et al. (Abstract)			
	83	4,329,697	05/11/82	Bell (Abstract)			
	84	4,305,081	12/08/81	Spong (Abstract)			
	85	4,222,070	09/09/80	Howe, et al. (Abstract)			
	86	4,206,256	06/03/80	Matthies, et al. (Abstract)			
	87	4,057,831	11/08/77	Jacobs, et al. (Abstract)			
	88	5,538,774	07/23/96	Landin, et al.			
	89	5,585,159	12/17/96	Miyake, et al.			
	90	5,585,989	12/17/96	Kuromiya, et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
W	91	CA 2259483	08/01/1998	Canada (Abstract)			✓	
	92	CA 1323697	26/10/1993	Canada (Abstract)			✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

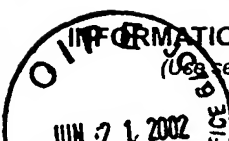

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	FEIST, ET AL.	
	FILING MARCH 11, 2002	GROUP 1713

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
93	5,875,083	02/23/99	Oniki, et al.			
94	5,900,318	05/04/99	Yanagisawa			
95	5,948,495	09/07/99	Stanish, et al.			
96	5,981,015	11/09/99	Zou, et al.			
97	6,030,681	02/29/00	Czubarow, et al.			
98	6,236,542 B1	05/22/01	Hartog, et al.			
99	6,347,016 B1	02/12/02	Ishida, et al.			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)



EXAMINER <span style="font-family: cursive; font-size: 1.2em;">Kin Perds</span>	DATE CONSIDERED <span style="font-family: cursive; font-size: 1.2em;">5/12/07</span>
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# Electronic Information Disclosure Statement



## POLY(ARYLENE ETHER) DATA STORAGE MEDIA

Application:   
10/063004  
Confirmation: 4708  
Applicant(s): Thomas Feist  
Docket Number: 08CN8803-26  
Group Art Unit:  
Examiner:  
search string: (6411457).pn.

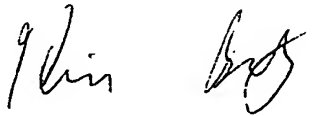
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### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	6411457	2002-06-25		Yamashita, et al.	360	73.03

### Signature

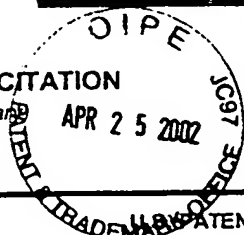
Examiner Name	Date
	5/12/03



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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W</i>	3,198,657	8/3/65	P.D. KIMBALL et al.	117	101	9/17/64
<i>L</i>	4,020,278	4/26/77	CARRE et al.	358	128	10/16/75
<i>L</i>	4,211,617	7/8/80	HUNYAR et al.	204	5	9/21/78
<i>L</i>	4,243,317	1/6/81	GARBE et al.	355	91	6/27/79
<i>L</i>	4,267,212	5/12/81	SAKAWAKI	427	240	9/19/79
<i>L</i>	4,363,844	12/14/82	LEWIS, et al.	428	65	9/20/80
<i>L</i>	4,451,507	5/29/84	BELTZ et al.	427	240	10/29/82
<i>L</i>	4,457,259	7/3/84	SAMUELS	118	705	3/14/83
<i>L</i>	4,514,583	04/1985	IZU et al.	136	259	
<i>L</i>	4,592,939	6/3/86	TEMPLE et al.	428	64	12/4/84
<i>L</i>	4,659,407	4/21/87	LACOTTE et al.	156	196	7/2/84

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>W</i>	WO 00/21689	2/4/00	WORLD ORGANIZATION				✓
<i>1</i>	WO 00/00868	6/1/00	WORLD ORGANIZATION				✓

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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